

RECORD WHEN READY ...READY* WHEN RECORDED!

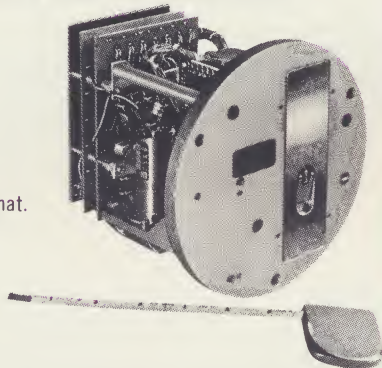


***READY FOR EDP!** LUFKIN digital recorder tapes can play directly into virtually any computer input "as is" . . . or, where large volumes of data are involved, LUFKIN tape-to-tape converters can accumulate and condense data *off-line* onto IBM-compatible tape reels. Chances are, one of the following LUFKIN digital magnetic tape recorders can meet your particular combination of needs. You can be sure they are accurate and reliable; that's been our rule for nearly a century.

LUFKIN SDR SCIENTIFIC DATA RECORDER

ABSTRACT:

INCREMENTAL battery-operated digital recorders for rack or capsule mounting. The SDR records 7 tracks at 12 ch/sec. in an IBM computer-compatible format. Incremental character or up to 60-bit incremental word recording modes available. 6 x 6 x 7-inch mounting space. ZERO STANDBY POWER.

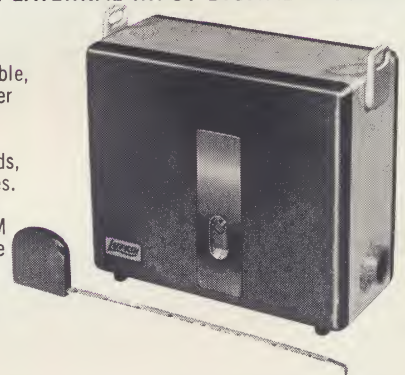


APPLICATIONS: Fixed, airborne and mobile digital recording of oceanographic, meteorological, industrial process, and laboratory data ready for rapid, economical data processing. Laboratory and submersible capsule applications reflect versatility and rugged construction.

LUFKIN R22 EXTERNAL INPUT DIGITAL RECORDER

ABSTRACT:

INCREMENTAL portable, self-powered recorder accepts electrical inputs from A/D converters, keyboards, or other data sources. Records 7 tracks at 12 ch/sec. in an IBM computer-compatible format. Optional parity, verification, and erase features.

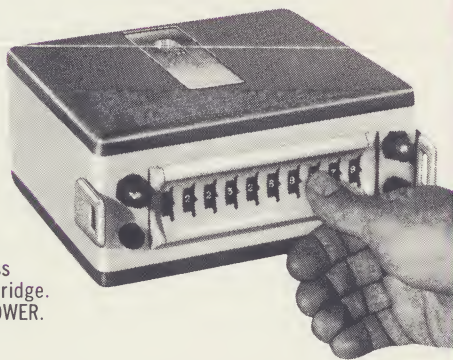


APPLICATIONS: Portable automatic recording of encoders and digital transducers associated with scientific instruments in remote or unattended locations. Use with external keyboard permits transaction recording, program preparation, alpha-numeric typography recording, etc.

LUFKIN R12 MANUAL INPUT DIGITAL RECORDER

ABSTRACT:

Provides pushbutton recording of 10-digit words, manually inserted by numeric digit switches. Rechargeable self-contained batteries. Unique rapid access magnetic tape cartridge. ZERO STANDBY POWER. Weight: 5 pounds.

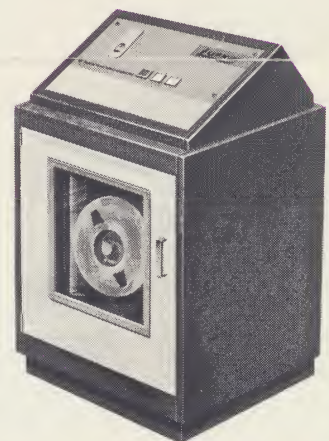


APPLICATIONS: Portable for recording of utility meter readings, inventory data, route transactions, accumulation of scientific and process data—recording of any visually acquired field data.

LUFKIN TC19 TAPE-TO-TAPE CONVERTER

ABSTRACT:

Office unit reads LUFKIN tape cartridges, erases, and rewinds, while condensing data onto standard 10½-inch computer reels. Inserts lateral and longitudinal parity plus inter-record gaps, writes end-of-file, recognizes and flags input errors.



APPLICATIONS: TC19 supports any application where large numbers of tape cartridges are recorded by any LUFKIN digital magnetic recorders.

Write or Phone for Complete Data

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RESEARCH LABORATORIES, INC.

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LUFKIN'S SMALL, COMPACT DIGITAL TAPE RECORDERS

Low-power, low-cost Recorders collect remote data for EDP.

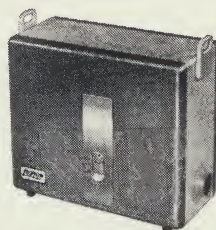
Lufkin Data Logging Recorders have been developed for use wherever data are collected for eventual computer entry. When the capacity of conventional high speed, large reel recorders is not required, Lufkin equipment is an ideal supplement. The unique formatting system is easily adapted to most word sizes by simple wiring changes. This, and the small space requirements, give Lufkin Digital Recorders their greater versatility—all at a lower cost.

Most models use no power on standby and only 2½ watts when recording. Incremental drive and play-back (including playback at very slow speeds) are also available. All models use the same cartridge.

Airborne models fly at altitudes to 100,000 feet. Other models operate in petro-chemical, utility, and shipboard applications.

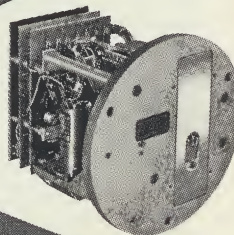
Various data conversion devices are available including play-back in the same recorder, play-back in a tape reader and processing in a tape-to-tape converter. When Lufkin recorders are used to replace punched paper, the cost is generally lower and equipment life is considerably extended. Also, additional savings are realized from erasing and reuse of the magnetic tape.

Prices for most Recorders are in the \$1000 to \$2000 range. Lufkin Tape Readers are priced from \$6000 to \$9000, and Lufkin Tape Converters from \$12,000 to \$15,000.



R22 PORTABLE RECORDER

The R22 is the hand-held version of the SDR series. An internal rechargeable battery is used for power with an external plug for the battery charger (also available). Recharging is required about every five cartridges (normally several days use).



SCIENTIFIC DATA RECORDER

These recorders fit the standard six-inch drill casing used by oceanographers for most current meters. Capacities run to about 90,000 characters; speeds, 12 characters a second. A multi-point scanner allows the input to be wired for almost any common format from 6-line to 48-line.

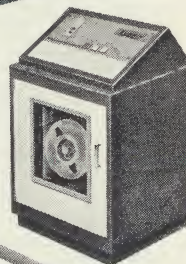
R34 AIRBORNE RECORDER

The R34 is probably the lowest-priced airborne digital recorder. Its environmental specification meets the cockpit environment requirements of military aircraft. It comes with or without a sealed case. Standard models take 6-bit characters synchronously at 12 to 50 characters a second. Incremental versions are also available. Size, 6½ x 6½ x 5 in. Weight is 7 pounds.



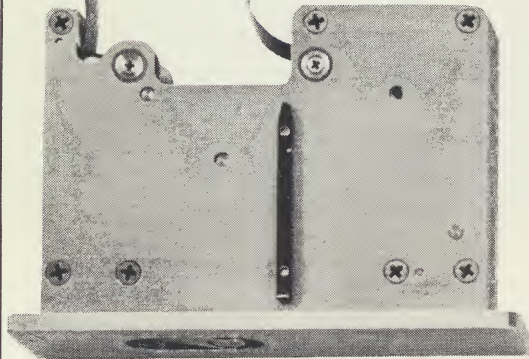
R41 KEYBOARD RECORDER

Hand-entered data may be recorded on the R41/R42 series through a 10-key numeric keyboard. Error and space buttons are provided as formatting aids. Size is 8 x 7 x 4½ inches. Weight, 6 pounds. Optional display modules are available.



TC19 TAPE CONVERTER

The TC19 Tape Converter transfers data from the cartridges of any Lufkin Recorder shown, onto 10½-inch reels of standard computer tape. At the same time, parities and inter-record gaps are inserted, errors checked, etc. Conversion time is about two minutes per cartridge.



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